241 but the method of felling is the same. All clearing has to be completed by the end of June to permit the felled trees to dry.

In late August, when the cicada begins to sing and the first thunder is heard, the Nambicuara return to undertake their planting activities. At a given signal, men with lighted bunches of dry grass set fire to dry trees and bushes all around the edges of the field. The rest of the people are concentrated at the river's edge at the bottom of the slope, and as animals, such as rats, lizards, and snakes, flee toward the water they kill them. [222] After the fires have died down the people go through the field collecting grubs, insects, and whatever else that is edible.

Among the stumps and unburnt logs the Nambicuara hoe up hills about 3 feet in diameter into which they stick 6 or 7 pieces of last season's manioc stems, each about 10 inches long. These hills are made about 5 or 6 feet apart. Formerly they used a digging stick (*kadikddsu*) but today the metal hoe (*isakúlusu*) is used. Bitter manioc (*walídnsu*) is their most important crop.

After the rains have begun and the manioc is several inches high, they begin to plant maize (*kaydtsu*) of which the Nambicuara have several varieties. Maize is planted between the manioc hills by making a hole in the ground with a digging stick into which 2 seeds are dropped. As the holes are about 6 inches deep, the seeds are not covered. Whether this is to protect the seeds from birds is not clear.

When the maize has grown tall enough to provide shade they plant beans (*kwǫ'su*), sweet-potatoes (*wisų*), and tobacco (*ítsu*). The bean which the Nambicuara grow looks like a large red kidney bean and has a tough skin. Beans are planted one seed to a shallow hole and covered. Sweetpotatoes are planted by placing cuttings in shallow trenches near logs and stumps. When 249 planting tobacco a man places a handful of seeds on a leaf, climbs onto a high stump, and blows the fine seeds so that they scatter over the field. They weed the field only once when the maize is ● 248 about a foot or two in height. Cotton is planted in the field but urucú bushes and gourds are planted near the houses. After the planting is finished and the field is growing well the people leave on their continuous rounds of hunting, fishing, and collecting.

[p. 91(A)]

513 At the post of Três Buritis, where they camped with us for a few days, they disputed every night the occupancy of a crude wooden table where the station personnel ate their meals; they already appreciated our habit of sleeping above the ground.

Why, then, did they not make use of the hammocks? Because they were not familiar with it.

[248 824] They are capable of plaiting cotton and tucum (1) thread more

1. Bactris setosa (Ed.).

than adequately enough to make a hammock; and they are also capable of appreciating their neighbor's hammock, as indeed they do now.

This ethnographic trait attests to the inferior position of the Serra do Norte Indians.

[171] [228] This unfamiliarity [with the hammock] is in fact characteristic of the large Ge-Botocudo group of Brazil, which in the consensus of all who have studied it comprises the most backward aborigines in the Americas.

All Serra do Norte Indians sleep directly upon the earth. They spread nothing in the way of leaves, straw, pallets or hides between themselves and the ground.

They nearly always rest on their side, pillowing the head on the forearm.

516 The men rarely sit directly on the ground; they usually squat. The women do the reverse. If standing in one spot for more than a few minutes, a man will usually flex one leg and rest his foot against the other knee; the women assume a characteristic posture which I have never seen described and which is clearly shown on the photographs we took.

They cross their thighs, thrusting the right part of the pelvis forward and the left part forcibly backward. The longitudinal axis of the right foot, if extended, cuts that of the left foot almost at a right angle.

They frequently cross their arms.

201 When excited or roused by happiness or fear, they repeatedly slap the back of their head with their open right hand. When displeased, they make the same gesture while exclaiming: "Ikátnerá!"

372 They make fire with mastic resin sticks, the tips of which are wrapped in straw to protect them from the rain.

[Fig. 63]

241 415 Their plots are worked with pointed sticks. The seeds of urucu, gourd plants (Lagenaria) and cotton are kept in leaf containers.

275 824 Medicinal fruit (Solanum mammosum) is also saved, as well as roots, leaves, etc.

[Fig. 31]

386 The collection contains two samples of dyes: a paste of urucu and fat, sweetly scented, which the women use to paint their body after the bath (huduhukaidi); and a variety of red ocher. [279]

248 Cotton (1) is represented by seeds (rim de boi variety) in leaf

[171]

1. According to the studies of Fa. Schmidt and Nordenskjöld (concerning hammocks), cotton reached Brazil from the Andes and was cultivated mostly by the Tupian Indians in the midst of the Amazon jungle. It is used less extensively among the Arawakan Indians. This distribution, due in part to the needs of the plant, explains its presence among the Nambicuara, who are located at the extreme west of the plateau. (R. L.)

[203 236] containers; cotton thread (kondzú) from a spindle (gdaretatú); skeins [855] of spun cotton; cotton fabric (sareguêzê--strap used to carry children). [283] The spindle is made of a palm splinter imbedded in a round potsherd.

[Fig. 64]

415 924 Kateçú are fruits of the Lagenaria genus used as containers and storage vessels. Some hold crudely chopped tobacco and are stoppled with a corn cob, a method frequently used by the frontiersmen.

[See fig. ...(28) p. 308.]